"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA

BERANEK, K.

Central State Archives (Statni ustredni archiv), Prague

Bratislava, Farmaceuticky obzor, No 2 [Feb] 1967, pp 85-88

"Privileges of pharmacists in Bohemia and Moravia."

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA

BERANEK, L

Institute of Chemical Process Fundamentals, Czechoslovak Academy of Sciences, Prague-Suchdol

Prague, Collection of Czechoslovak Chemical Communications, No 2, February 1967, pp 489-504

"On the anomalies caused by the slow adsorption of a reactant on the course of certain types of consecutive and branched heterogeneous catalytic reactions."

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK,L.; KRAUS,M.; BAZANT,V.

Catalytic dealkylation of alkyl aromatic compounds. Pt.7. Coll Cz Chem 29 no.1:239-250 Ja'64

1. Institut fur theoretische Grundlagen der chemischen Technik, Tschechoslowakische Akademie der Wissenschaften, Prag.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, L.; KRAUS, M.; KOCHLOEFL, K.; BAZANT, V.

Mechanism for dehydrating secondary alcohols by means of aluminum oxide. I. Relation between the dehydration of alcohols and the isomerization of olefins. Coll Cz chem 25 no.10:2513-2521 O '60.
(EEAI 10:9)

1. Institut fur theoretische Grundlagen der chemischen Technik, Tschechoslowakische Akademie der Wissenschaften, Prag.

(Alcohols) (Aluminum oxide) (Olefins)
(Dehydration)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA

[illegible] V; BEHAN[illegible], L.

Institute of Chemical Process Fundamentals of the Czechoslovak Academy of Sciences, Prague (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 10, 1965, pp 3333-3349 [illegible]

"Catalytic Dealkylation of Alkylaromatic Compounds. III. Kinetics of Hydrogenolytic Dealkylation of Isopropylbenzene on a Nickel Catalyst."

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

KRAUS, Milos; BERANEK, Ludvik; KOCHLOEFL, Karel; BAZANT, Vladimir

Vapor tension of some benzenecarboxylic acids and their derivatives. Chem prum 12 no.12:649-652 D '62.

1. Ustav teoretickych zakladu chemicke techniky, Ceskoslovenska akademie ved, Praha.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, Laszlo; MADAR, Istvan

New type switchboard of cranes. Ujit lap 14 no.21:25 10 N '62.

1. Koho- es Gepipari Miniszterium Vaskohaszati Igazgatosag.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, L.

CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Referat Zhur-Khimiya, No 4, 1958, 11362.

Author : Beranek, L. and Bazant, V.; Bazant, V. and Vavruska, M. and Setinek, K., Bazant, V., and Sor. F.

Inst :

Title : Organosilicon Compounds. IX. The Gas Phase Methylation of Chlorosilanes. X. The Hydrolysis of Phenylchlorosilanes Over Aluminum Oxide. XI. Mass Balance in theDirect Synthesis of Methylchlorosilanes.

Orig Pub: Sbornik Chekhoslov Khim Rabot, 22, No 4, 1192-1198, 1293-1305, 1306-1309 (1957) (in German with an English summary)

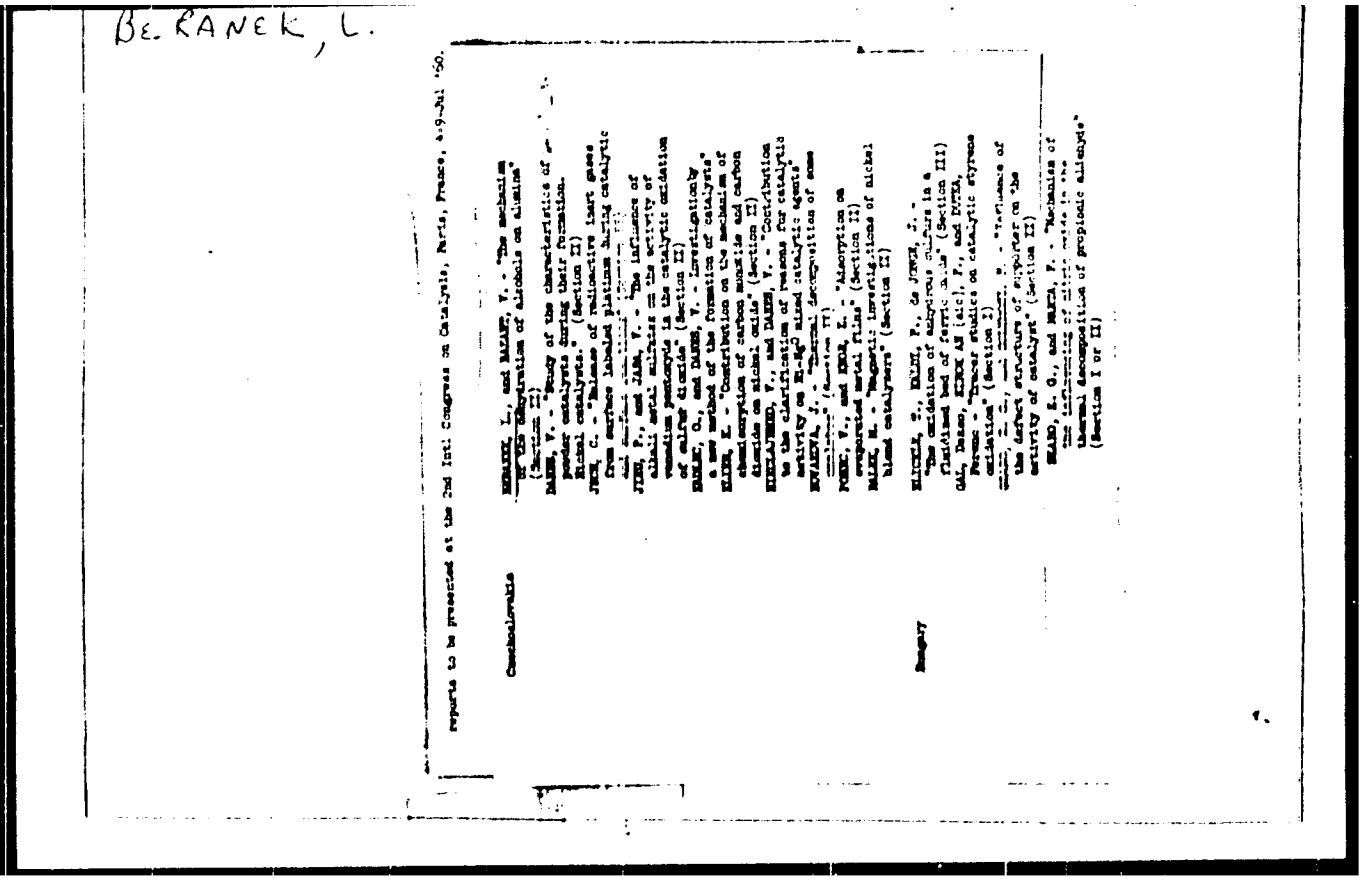
Abstract: See RZhKhim, 1957, 44606, 60627, 68912.

Card : 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, L.



Reports to be presented at the 2nd Int'l Congress on Catalysis, Paris, France, 4-9 Jul '60.

Czechoslovakia

BERANEK, L., and BAREŠ, V. - "The mechanism of the dehydration of alcohols on alumina" (Section II)

BAREŠ, V. - "Study of the characteristics of ... powder catalysts during their formation. Nickel catalysts." (Section II)

JEŽ, C. - "Release of radioactive inert gases from surface labeled platinum Raney catalysts" (Section II)

JIRŮ, P., and JIRŮ, V. - "The influence of nickel metal additives on the activity of ... vanadium pentoxide in the catalytic oxidation of ethyl alcohol" (Section II)

KRÁL, O., and BAREŠ, V. - "Investigations of a new method of the formation of catalysts"

KLIK, K. - "Contribution on the mechanism of chemisorption of carbon monoxide and carbon dioxide on nickel oxide" (Section II)

KRYLOVÁ, V., and BAREŠ, V. - "Contribution to the clarification of reasons for catalytic activity on Ni-Mg mixed catalytic agents"

KVIATEK, J. - "Thermal decomposition of some ..." (Section II)

POPP, V., and ERDÖS, E. - "Adsorption on evaporated metal films" (Section II)

RÝŽ, M. - "Magnetic investigations of nickel mixed catalysts" (Section II)

Hungary

KÁLMÁN, E., KÁLMÁN, F., de JONGH, J. - "The oxidation of adsorbed sulfites in a fluidized bed of ferric oxide" (Section III)

GÁL, Imre, ERDŐS AJ (also), P., and PÓTA, Ferenc - "Effect effect on catalytic styrene ..." (Section I)

... - "Influence of the defect structure of ... on the activity of catalyst" (Section II)

MÁRÓ, E. G., and MÉSZ, F. - "Mechanism of the ... thermal decomposition of propionic aldehyde" (Section I or II)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

S/081/62/000/012/045/063
B156/B144

AUTHORS: Beránek, Ludvík, Bažant, Vladimír

TITLE: A method of producing olefins by dehydrating alcohols

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 12, 1962, 423, abstract 12L21 (Czechosl. Patent 98240, January 15, 1961)

TEXT: Olefins are produced by paraphase dehydration of alcohols in the presence of catalysts (Cat) (Al_2O_3, SiO_2, TiO_2 or mixtures of these substances), with 10^{-8}-50% of a base, for instance pyridine (I) or quinoline, added to the alcohols or their vapors. 91.5 g of a mixture of 4-methyl cyclohexanol (4-II) vapors and N_2 (molar ratio 1:10) with 0.1 mole-% (related to 4-II) of I are passed at 3.66 mole/l of Cat/hour, at 235°C, through 50 ml of activated Al_2O_3, first selectively treated by passing through it 3320 l of N_2 containing 1.37 g of I for 41 hr; which results in 26 g of a liquid product containing 21.8 g of 4-methyl cyclohexene (4-III) free from isomers. By passing 87.7 g of a mixture of 2-II and N_2

Card 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

A method of producing ...

(3 : 7) with 0.1 mole-% of quinoline at 4.91 mole/l of Cat/hour, at 250°C, through 50 ml of freshly activated Al_2O_3, 53.8 g of a product containing 69% of 3-III and 31% of 1-III are obtained; these components being then separated by rectification. The yield of 3-III is three times the amount not adding quinoline. In a similar way 52.5 g of a product containing 30% of olefins, (in which is 99.2% of heptene-1) are produced from 54 g of heptanol-1 and 1 mole-% of I. When none of I was added, the olefines contained only 33.5% of heptene-1. [Abstracter's note: Complete translation.]

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

KOCHLOEFL, K.; KRAUS, M.; CHOU CHIN-SHEN; HERANEK, L.; BAZANT, V.

On the mechanism of dehydration of secondary alcohols over alumina catalyst. Part 2: Effect of structure on rate. Coll Cz Chem 27 no.5:1199-1209 My '62.

1. Institute of Chemical Process Fundamentals, Czechoslovak Academy of Sciences, Prague. 2. On the leave of absence from the Institute of Applied Chemistry, Chang-chun, China (for Chou Chin-Shen).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

KRAUS, Milos; KOCHLOEFL, Karel; SETINEK, Karel; HERANEK, Ludvik; HOUDA, Miloslav; BAZANT, Vladimir

The course of potassium phthalate rearrangement to potassium terephthalate. Chem prum 12 no.10:529-534 O '62.

1. Ustav teoretickych zakladu chemicke techniky, Ceskoslovenska akademie ved, Praha.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA

BERANEK, L.; KRAUS, M.

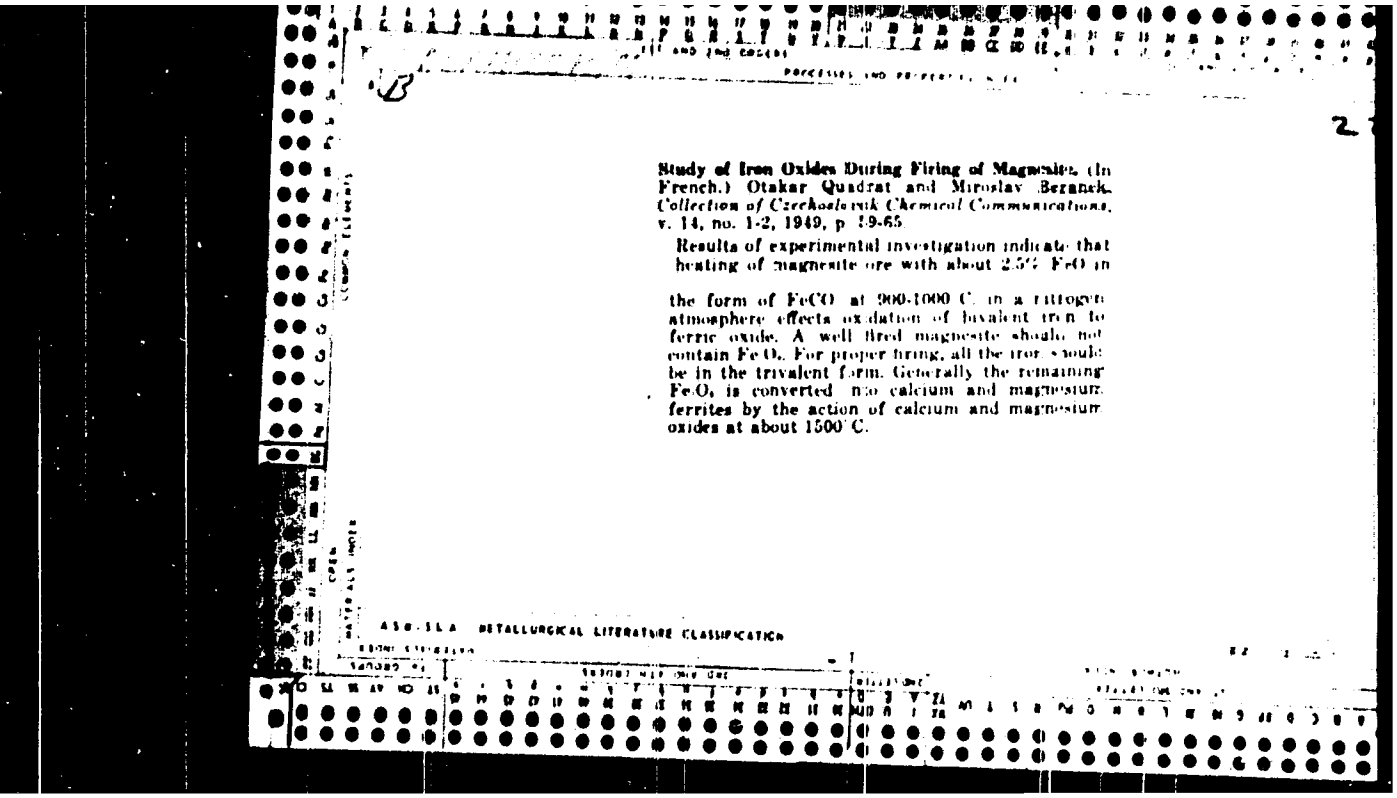
Institute of Chemical Process Fundamentals, Czechoslovak Academy of Sciences, Prague-Suchodol

Prague, Collection of Czechoslovak Chemical Communications, No 2, Feb 1966, pp 566-575

"Catalytic dealkylation of alkylaromatic compounds. Part 14: The effect of the structure of monoalkylbenzenes on their reactivity in hydrodealkylation on a nickel catalyst."

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



Study of Iron Oxides During Firing of Magnesite. (In French.) Otakar Quadrat and Miroslav Beranek. *Collection of Czechoslovak Chemical Communications*, v. 14, no. 1-2, 1949, p 59-65

Results of experimental investigation indicate that heating of magnesite ore with about 2.5% FeO in the form of FeCO at 900-1000 C in a nitrogen atmosphere effects oxidation of bivalent iron to ferric oxide. A well fired magnesite should not contain FeO. For proper firing, all the iron should be in the trivalent form. Generally the remaining Fe_2O_3 is converted into calcium and magnesium ferrites by the action of calcium and magnesium oxides at about 1500 C.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

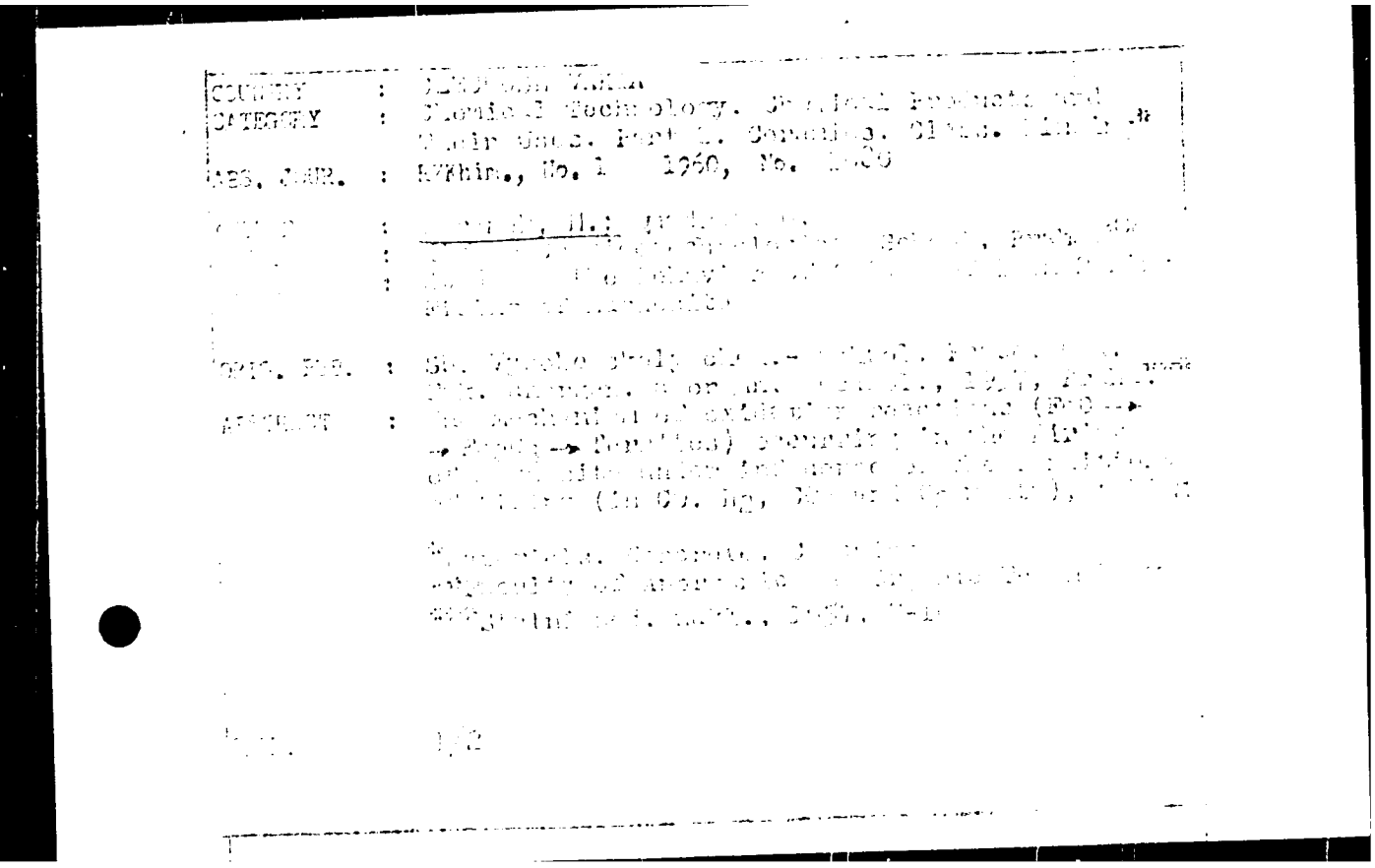
BERANEK, Miroslav; MAREK, Zdenek

Comparison of Penny-Knop method with the Zimmermann-Reinhardt method for determining iron in ores. Sbor chem tech no.3, part 1:191-207 '59.

1. Katedra chemicke technologie kovu, Vysoka skola chemicko-technologicka, Praha.

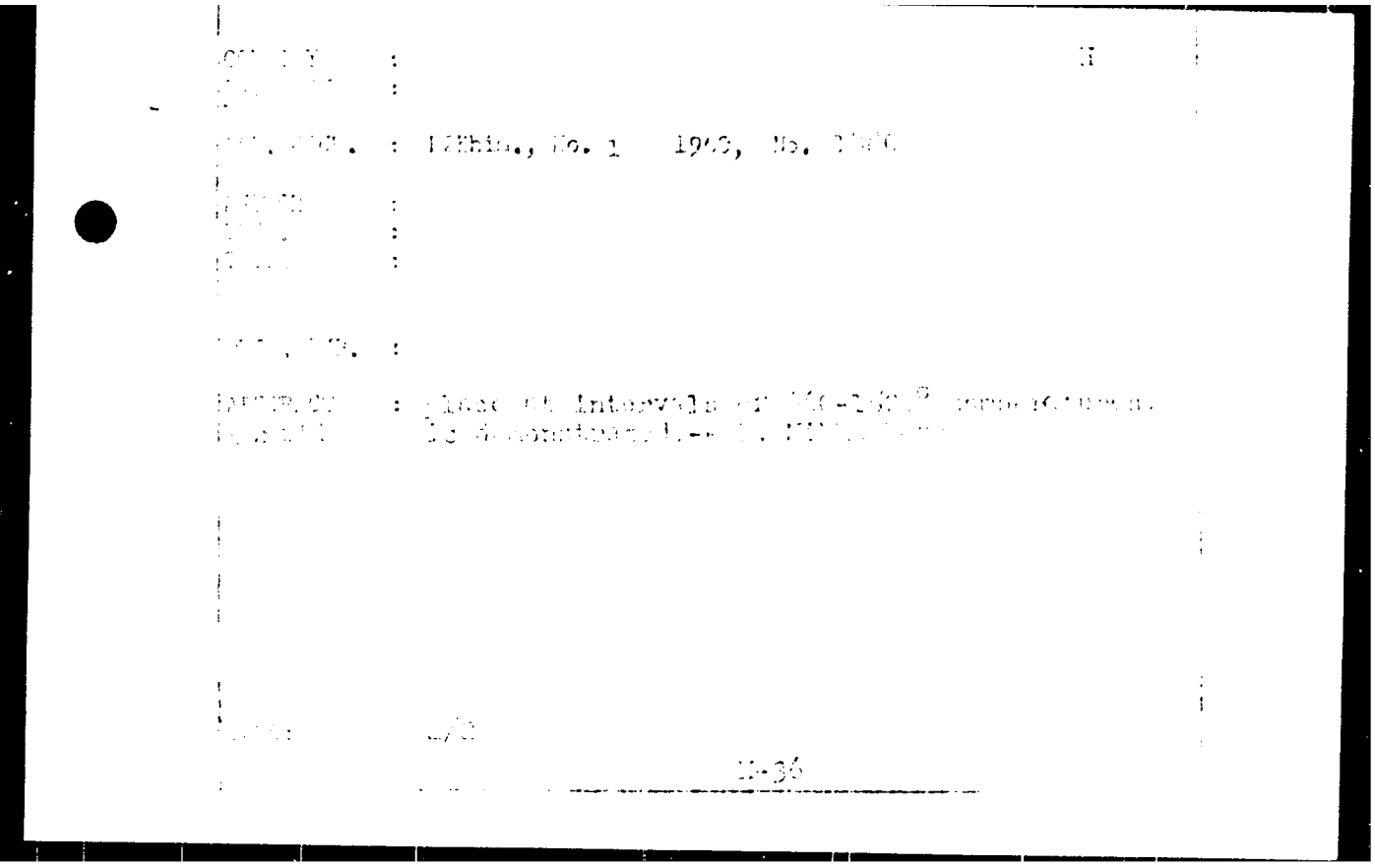
APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Ap- H-7
plication. Chemical and Technological Aspects of the Nuc-
lear Industry

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 81208

Author : Seidl K., ~~Beranek H.~~
Inst : -
Title : Methylcyclohexanon- New Solvent for the Extraction of Uranium and for the Separation of Uranium from Thorium

Orig Pub : Chem. listy, 1958, 52, No 2, 337-339

Abstract : The separation of U is achieved from the water solution without the addition or in the presence of $NaCO_3$ and HNO_3. It has been established that the best salting-out reagent is $NaNO_3$, while in the presence of HNO_3 the separation is impaired. The reextraction of a U salt from methylcyclohexanon with the aid of a saturated caustic solution yielded 99.9% of the original quantity. Advantages of methylcyclohexanon, compared to other reagents employed,

Card : 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their H-7
Application. Chemical and Technological Aspects of the
Nuclear Industry

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 82208

are: its availability, low price, non-toxicity, chemical stability, and a relatively high flash temperature. Of its disadvantages is its low solubility in water (2.2%).
--K. Setinek

Card : 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECH/37-59-3-21/29

AUTHORS: Koller, Aleš and Beránek, Milan

TITLE: Some New Data on the Degradation of Titanium Compounds in Connection with Exoemission (Letter to the Editor)

PERIODICAL: Československý časopis pro fysiku, 1959, Nr 3, pp 325-326

ABSTRACT: By degradation we understand changes in a dielectric in a DC electric field, leading to coloration, an increased conductivity and decreased dielectric strength (A. Koller - Ref 1). The exoemission was measured with a counter in an arrangement similar to one described by Kramer (Ref 2) and Bohun (Ref 3) on samples of Strontium-barium-titanate. The exoemission was measured as a function of temperature before degradation, after degradation and after X-ray irradiation. The degradation was usually carried out at 300 °C. The results were as follows.
a) Materials, in which the maximum in exoemission after X-ray irradiation lies between 150 and 230 °C, degrade when an electric field is applied to them. Samples which did not show such maxima did not show degradation.

Card 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECH/37-59-3-21/29

Some New Data on the Degradation of Titanium Compounds in Connection with Exoemission (Letter to the Editor)

b) Samples irradiated after degradation did not show characteristic emission maxima below 300 °C.
c) Above 460 °C, all samples showed thermal emission. At these temperatures no degradation occurred.
There are 1 figure and 4 references, of which 2 are Czech, 1 Soviet and 1 German.

ASSOCIATION: Výzkumný ústav elektrotechnické keramiky, Hradec Králové (Research Institute for Electrotechnical Ceramics, Hradec Králové)

SUBMITTED: December 9, 1958

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA/Electronics - Electron and Ion Emission. H

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9167

Author : Koller Ales, Beranek Milan
Inst : -
Title : Certain New Data on Degradation of Titanates and Its Connection with Exo-Emission

Orig Pub : Czechosl. fiz. zh., 1959, 9, No 3, 402-403

Abstract : See Abstract 9166.

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BENANEK, V.; SEIDL, K.

"Methylcyclohexanone, a new solvent for the extraction of uranium and the separation of uranium from thorium." In German. p. 2[illegible].

COLLECTION OF CZECHOSLOVAK CHEMICAL, Praha, Czech.,
Vol. 24, No. 1, Jan. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6, Sept. 59
Unclassified

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, Miroslav; MALINSKY, Ivan

Effect of salting-out agents on the extraction of uranium by methylcyclohexanone. Sbor chem tech no.3, part 1:171-189 '59.

1. Katedra chemicke technologie kovu, Vysoka skola chemicko-technologicka, Praha.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

PAPEZ, Stanislav; BERANEK, Miroslav

The vacuum removal of zinc from lead. Sbor chem tech 4 no.2:119-140 '60. (EEAI 10:9/10)

1. Katedra chemicke technologie kovu, Vysoka skola chemicko-technologicka, Praha.

(Zinc) (Lead)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, Miroslav; REZNICEK, Mirko

Effect of the blowing of gases on the mechanical properties of cast iron. Sbor chem tech 4 no.2:193-209 '60. (EEAI 10:9/10)

1. Katedra chemicke technologie kovu, Vysoka skola chemicko-technologicka, Praha SVUMT, Brno.

(Gases) (Cast iron)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

HORA, Petr; BEHANEK, Miroslav; PROCHAZKA, Frantisek

Effect of the chemical composition of pig iron on the time of processing and the durability of the lining and bottom in the Thomas process. Sbor chem tech 4 no.2:211-222 '60. (EEAI 10:9/10)

1. Katedra chemicke technologie kovu, Vysoka skola chemicko technologicka, Praha a Spojene ocelarny, Narodni podnik, Kladno.

(Bessemer process)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, M.

Commemorating the 60th birthday of Professor Josef Koritta. Chem
listy 57 no.9:1001-1003 S '63.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

MASARIK, Vladislav; BERANEK, Miroslav; QUADRAT, Otakar st.

Contribution to the decomposition of ores by diffusive annealing.
Sbor chem tech 4 no.2:171-177 '60. (EEAI 10:9/10)

1. Katedra chemicke technologie kovu, Vysoka skola chemicko-technologicka, Praha.

(Ores) (Annealing of metals)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

Z/053/62/000/002/001/002
1037/1237

AUTHOR: Beránek, R.

TITLE: Input circuits of amplifiers for use with microelectrodes

PERIODICAL: Československá fysiologie, v, 11, no. 2, 1962, 127-135

TEXT: Working with capillary microelectrodes having a high electrical resistance input currents of high resistance and of low noise level and capacitance are essential. Cathodically shielded cathode followers proved to be the most suitable for this purpose. Low noise electronic tubes, working at electrometric conditions are also essential.

For electrodes of extremely high impedance (100 MΩ) and in cases when very long shielded cables for connecting the electrode with the amplifier input have to be used, cathode followers with neutralized input capacity gave satisfactory results.

Cathode followers of this type were described by Amatniek (1958) and Back (1958). The device is based on feeding back part of the amplified energy to the input. It is used for charging the parasite capacitance at the input and in this way removing the potential delays. There are 10 figures The most important English-language references read as follows: Amatniek, E., Measurement of Bioelectric Potentials with Microelectrodes and Neutralized Input Capacity Amplifiers. IRE Transactions Med. Electronics. PGME-10, March 3, 1958;

Card 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

Input circuits of...

Z/053/62/000/002/001/002
I037/I237

Back A. F., A unity gain cathode follower. EEG Clin. Neurol., 10, 745, 1958; Bishop, P. O. and Harris, E. J., A D.C. Amplifier for Biological Application, Rev. Sci. Instr., 21, 366, 1950; Brindley, G. S., The sources of slow electrical activity in the frog's retina. J. Physiol., 140, 247, 1958; Donaldson, P. E. K., Electronic Apparatus for Biological Research, Butterworths, London 1958.

ASSOCIATION: Fysiologický ústav ČSAV (Physiological Institute, Czechoslovak AS) Prague

SUBMITTED: February 4, 1961

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

Z/053/62/000/002/002/002
I037/I237

AUTHOR: Beránek, R. and Cibulec, A.

TITLE: Symmetrical cathode follower for microelectrodes

PERIODICAL: Československá fysioligie. v, 11, no. 2, 1962, 134-137

TEXT: The instrument is a double action cathode follower with pentodes of the type described by Bishop and Harris (1950). It contains a compensation device so that the output potential is always close to zero. The potential of shielding grids is maintained separately for each tube by "floating" dry batteries through 100 MΩ potentiometers. By regulating the potential, the grid current can be lowered, and further lowering can be achieved by reducing the heating potential. The amplifier is independent of the electrode resistance and its symmetrical arrangement enables working with very high yields. There are 3 figures.

ASSOCIATION: Fysiologicky ústav ČSAV (Physiological Institute, Czechoslovak AS) Prague

SUBMITTED: June 9, 1961

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R., FANTIS, A., KUNC, Z.

"Postraumatic Edema in the Spinal Cord." p. 59 (CHEKHOSLOVATSKAIA FIZIOLOGIIA, Vol. 1, No. 1, Mar. 1952) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BIBRAUER, Rudan, MUDr

Scientific aspirants in Czech physiology. Cas.lek.cesk. 91 no.17: 519-522 25 Apr 52.
(PHYSIOLOGY,
in Czech., scientific workers, system of aspirants)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.; FANTIS, A.; KUNC, Z.

Posttraumatic spinal edema. Cesk. fysiol. 1 no.1:51-54 1952. (CIML 23:4)

1. Of the Physiological Department of Central Institute of Biology and of the Surgical Department of the Central Military Hospital in Prague. 2. Experimental edema.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.; FANTIS, A.; GUTMANN, E.; VRBOVA, G.

Cerebral edema following trephining. Cesk. fysiol. 1 no.2:108-115 1952. (CLML 23:4)

1. Of the Physiological Department of the Central Institute of Biology (Director--Malek). 2. Experimental work.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.; FANTIS, A.; GUTMANN, E; VEBOVA, G.

Cerebral edema following trepanation [with summary in German] J. Chekh. fiziol. 1 no.2:142-152 '52. (MLRA 6:12)

1. Tsentral'nyy institut biologii, fiziologicheskoye otdeleniye, Praha. (Brain--Surgery) (Edema)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.; GUTMANN, E.

Effect of nociceptive stimulus upon regenerative processes in the peripheral nerve. Chekh.fiziol.2 no.2:148-157 '53. (MLRA 7:2)

1. Biologicheskiy institut Chekhoslovatskoy Akademii nauk, fiziologicheskoye otdeleniye, Praha. (Nervous system)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

HERANEK, R.; GUTMANN, E.; VRBOVA, O.

Changes in the synthesis of glycogen during recovery of function of denervated and tenotomized muscles. Ceskh. fiziol. 3 no.1: 47-52 1954.

1. From the Biological Institute of the Czechoslovak Academy of Science Physiology Department, Prague.

(GLYCOGEN, metabolism,
muscles, synthesis during recovery after denervation & tenotomy)
(MUSCLES, metabolism,
glycogen, synthesis during recovery after denervation & tenotomy)
(WOUNDS AND INJURIES, experimental,
musc., glycogen synthesis during recovery)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.

Ukhtomskii's dominance in conditioned defense flexion in dog.
Cesk. fysiol. 4 no.4:439-444 22 Oct 55.

1. Fysiologicky ustav CSAV, Praha.
(REFLEX, CONDITIONED,
defense flexion reflex in dog, Ukhtomskii's dominance in)
(HANDEDNESS,
dominance, Ukhtomskii's, in conditioned defense flexion in dogs)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, Radan, MUDr

Some problems of pathogenesis and restitution of movement disorders in poliomyelitis. Prakt.lek., Praha 35 no.7:146-150 5 Apr 55.

1. Fysiologicky ustav Ceskoslovenske akademie ved.
(POLIOMYELITIS, complications,
movement disord., pathogen. & ther.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BETANEY, P.; HNIK, P.; VRBOV, G.

Denervation atrophy of various skeletal muscles in rats. Cesk. fyziol. 6 no.2:166-169 1957.

1. Fysiologicky ustav CSAV, Praha.
(MUSCLES, innervation,
denervation, causing atrophy in rats (Cz))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.; HEIK, P.; VRBOVA, O.

Course of re-innervation of a denervated muscle. Cesk. fysiol. 6 no.3: 348-353 Aug 57.

1. Fysiologicky ustav CSAV, Praha.
(MUSCLES, innervation,
re-innervation of denervated musc. (Cz))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.

CZECHOSLOVAKIA/Human and Animal Physiology. Neuromuscular Physiology. V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27300.

Author : Radan Beránek, Vladimír Gráf and Fr. Pokorny.
Inst :
Title : The Formation of Natural Conditioned Reflexes When An Unconditioned Stimulus Precedes the Conditioned Stimulus.

Orig Pub: Casop. lekaru ceskych, 1957, 96, No 13, 385-391.

Abstract: A study was made of the effect of exercising healthy muscle groups on the endurance of muscles damaged by poliomyelitis. The phenomenon of active rest was quite marked, even with regard to the patients' paretic muscles. Including exercises of the paretic muscles immediately after exercising healthy muscles

Card : 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA/Human and Animal Physiology. Neuromuscular Physiology. V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27300.

facilitated a more rapid rise in endurance and coordination of function of the paretic muscles. Active rest creates in the motor centers favorable conditions for the establishment of conditioned motor reflexes, which are the basis of voluntary muscular contractions.

Card : 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.; VIT, Z.

Semi-automatic apparatus for laboratory production of ultramicropipets.
Cesk. fysiol. 7 no.3:194-196 May 58.

1. Fysiologicky ustav CSAV, Praha.
(APPARATUS AND INSTRUMENTS,
semi-automatic appar. for laboratory prod. of ultra-micropipet (Cz))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.; NOVOTNY, I.

Spontaneous electrical activity of a denervated muscle in cockroach Periplaneta americana. Cesk. fysiol. 7 no.3:226-227 May 58.

1. Fysiologicky ustav CSAV, Praha a Biologicka fakulta KU, Praha.
(MUSCLES, physiol.
spontaneous electric activity in denervated musc. in Periplaneta americana (Cz))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.

Interstitial micro-myography in the registration of action potential of single fibers of the human skeletal muscle. Cesk. fysiol. 8 no.3:172 Apr 59..

1. Fysiologicky ustav CSAV, Praha. Prednesseno na III. fysiologickych dnech v Brne dne 14. 1 1959.
(ELECTROMYOGRAPHY,
interstitial micro-myography of action potential of single skeletal musc. fiber (Cz))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.; HNIK, P.

Plasticity of muscle synapses. Cesk. fysiol. 8 no.3:173 Apr 59.

1. Fysiologicky ustav CSAV, Praha. Prednaseno na III. fysiologickych dnech v Brne dne 14. 1. 1959.
(SYNAPSES,
eff. of prolonged inactivation on nerve-musc. synapses (Cz))
(MYONEURAL JUNCTION, physiol.
same)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.

Basic electronic equipment for an electrophysiological laboratory.
Cesk. fysiol. 8 no.4:290-299 July 59.

1. Fysiologicky ustav CSAV, Praha.
(ELECTROPHYSIOLOGY, equipment & supply)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CIBULEC, A.; BERANEK, R.

A double-pulsation electronic physiological stimulator. Cesk. fysiol. 10 no.5:445-453 '61.

1. Fysiologicky ustav CSAV, Praha.
(PHYSIOLOGY equip & supply)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.

Current problems of cell electrophysiology. Cesk. fysiol. 10 no.6: 473-479 D '61.

(ELECTROPHYSIOLOGY)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, R.; HNIK, P.; VYKLICKY, L.; ZELENA, J.

Facilitation of the monosynaptic reflex due to long-term tenotomy. Physiol Bohemoslov 10 no.6:543-552 '61.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.
(TENDONS physiol) (REFLEX)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BENÁNEK, R.; CIBULEC, A.; JANOUSEK, J.

A direct pre-amplifier for neurobiology. Cesk. fysiol. 11 no.1: 47-52 Ja '62.

1. Fysiologicky ustav CSAV, Praha.
(NERVOUS SYSTEM physiology) (ELECTROPHYSIOLOGY equip & supplies)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

NOVOTNY, I.; VYSKOCIL, F.; VYKLICKY, L.; BERANEK, R.

Potassium and caffeine induced increase of oxygen consumption in frog muscle and its inhibition by drugs. Physiol. Bohemoslov. 11 no.4:277-284 '62.

1. Institute of Zoology, Charles University, Prague; Institute of Physiology, Czechoslovak Academy of Sciences, Prague.
(TISSUE METABOLISM) (POTASSIUM) (CAFFEINE)
(MUSCLES) (PHYSOSTIGMINE) (PROCAINE)
(PHENOBARBITAL)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

HNIK, P.; BERANEK, R.; VYKLICKY, L.; ZELENA, J.

Sensory outflow from chronically tenotomized muscles. Physiol. bohemoslov. 12 no.1:23-29 '63.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.
(TENDONS) (MUSCLES) (ELECTROPHYSIOLOGY)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

UJEC, E.; BERANEK, R.

A completely isolated all-purpose stimulator. Physiol. Bohemoslov. 12 no.6:581-585 '63.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.
(ELECTROPHYSIOLOGY) (EQUIPMENT AND SUPPLIES)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA

SERANEC, R., VYSKOCIL, F; Physiological Institute, Czechoslovak Academy of Sciences (Fysiologicky Ustav CSAV), Prague.

"Influence of D-Tubocurarine on the Release of Acetylcholine from Nerve Ends in Rat Peritoneum."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 111

Abstract: Tubocurarine influences the sensitivity of the post-synaptic membrane of rat peritoneum to acetylcholine, but does not change its presynaptic release. 3 Western, 1 Czech reference. Submitted at "16 Days of Physiology" at Moscow, 29 Sep 65.

1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

~~BERA~~ BERANEK, S.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Applications. Chemical Processing of Solid Fossil Fuels.

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9551.

Author : Lang, J., Zavorka, J., Sidlik, F., Patura, B., Malina, E., Beranek, S., Formanek, J., Kiss, J., Blodl, B.

Inst : Not given.

Title : Concerning the Article by Yilma: "A Study of the Problem of Complex Chemical Energy Utilization of Brown Coal."

Orig Pub: Paliva, 1958, 38, No 9, 316-320; No 10, 360-364; No 11, 378-380; No 12, 413-416.

Abstract: See Ref Zhur Khim, 1959, 8438.

Card 1/1

TD

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, V.; SAFAR, J.

Output control of piston compressors by additional dead space. p. 29.
(Czechoslovak Heavy Industry, No. 12, 1956. Prague, Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6,
June 1957. Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

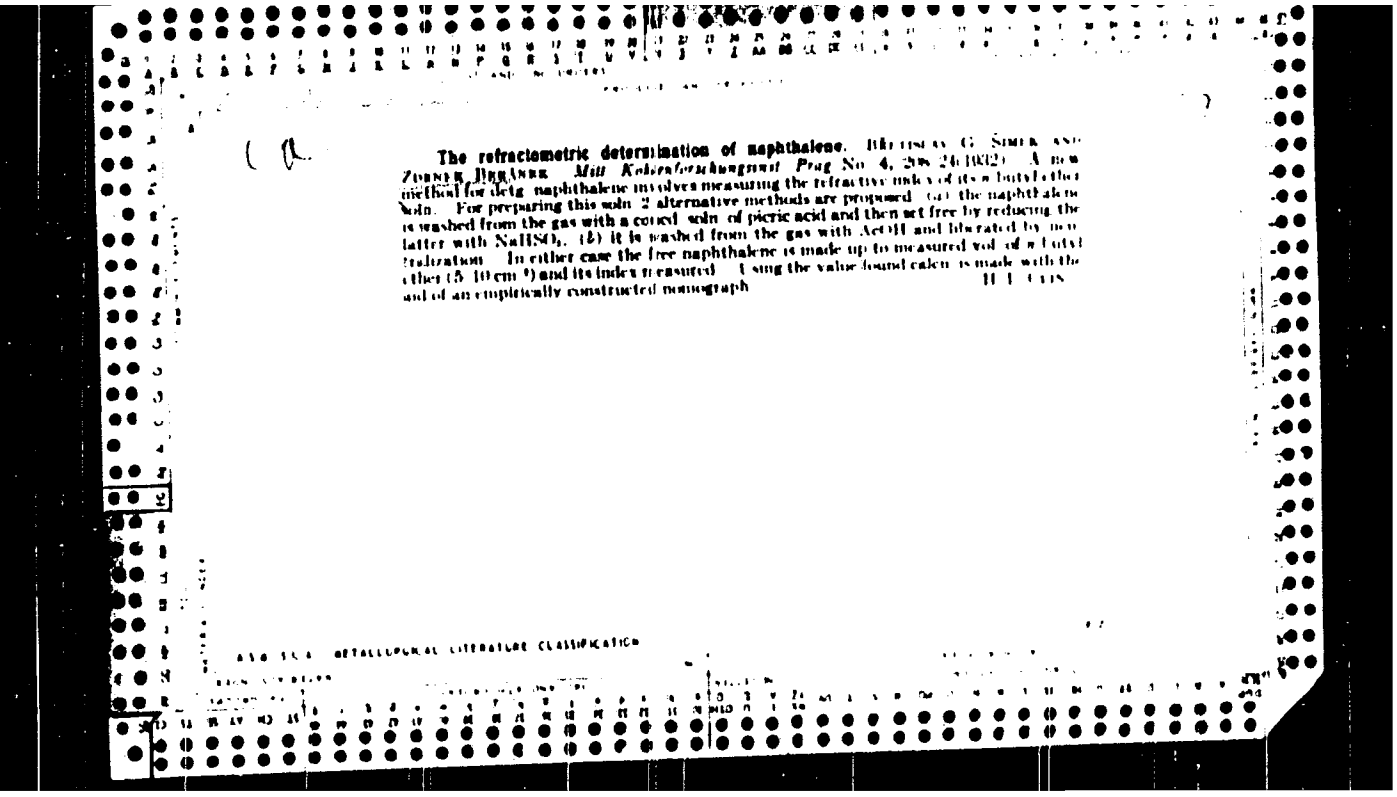
PROCHAZKA, Josef; GABRIEL, Zdenek, inz.; PAZNOCHT, Jar., inz.; BERANEK, Vitezslav; ZELINSKY, Jan

How we are prepared for the winter operation. Letecky obzor 8 no.11:321-323 N '64.

1. Technical manager of the Czechoslovak Airlines (for Prochazka). 2. Deputy Manager of the SIS (for Gabriel and Paznocht). 3. Manager of the Prague Airport (for Beranek). 4. Manager of the Bratislava Airport (Zelinsky).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

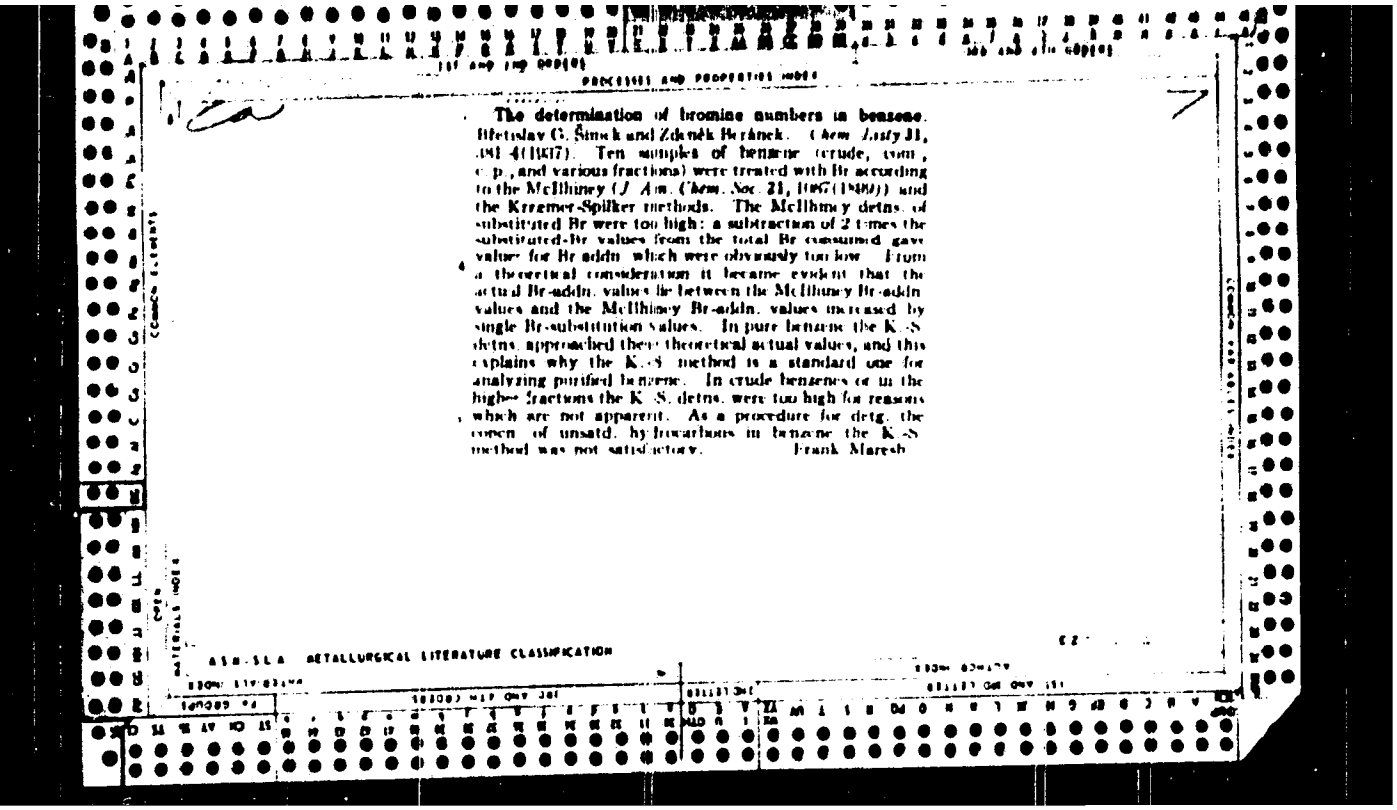
"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



The refractometric determination of naphthalene. H[illegible] G. SMITH and ZUNDEL JIGLIOLI. *Mitt. Kohlenforschungsinst. Prag* No. 4, 295–296 (1932). A new method for detg. naphthalene involves measuring the refractive index of its soln. in ethyl ether. For preparing this soln. 2 alternative methods are proposed. (a) the naphthalene is washed from the gas with a concd. soln. of picric acid and then set free by reducing the latter with $NaHSO_3$. (b) it is washed from the gas with AcOH and liberated by neutralization. In either case the free naphthalene is made up to measured vol. of ethyl ether (5–10 cm.³) and its index measured. Using the value found calcn. is made with the aid of an empirically constructed nomograph. H. J. CRUIS

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

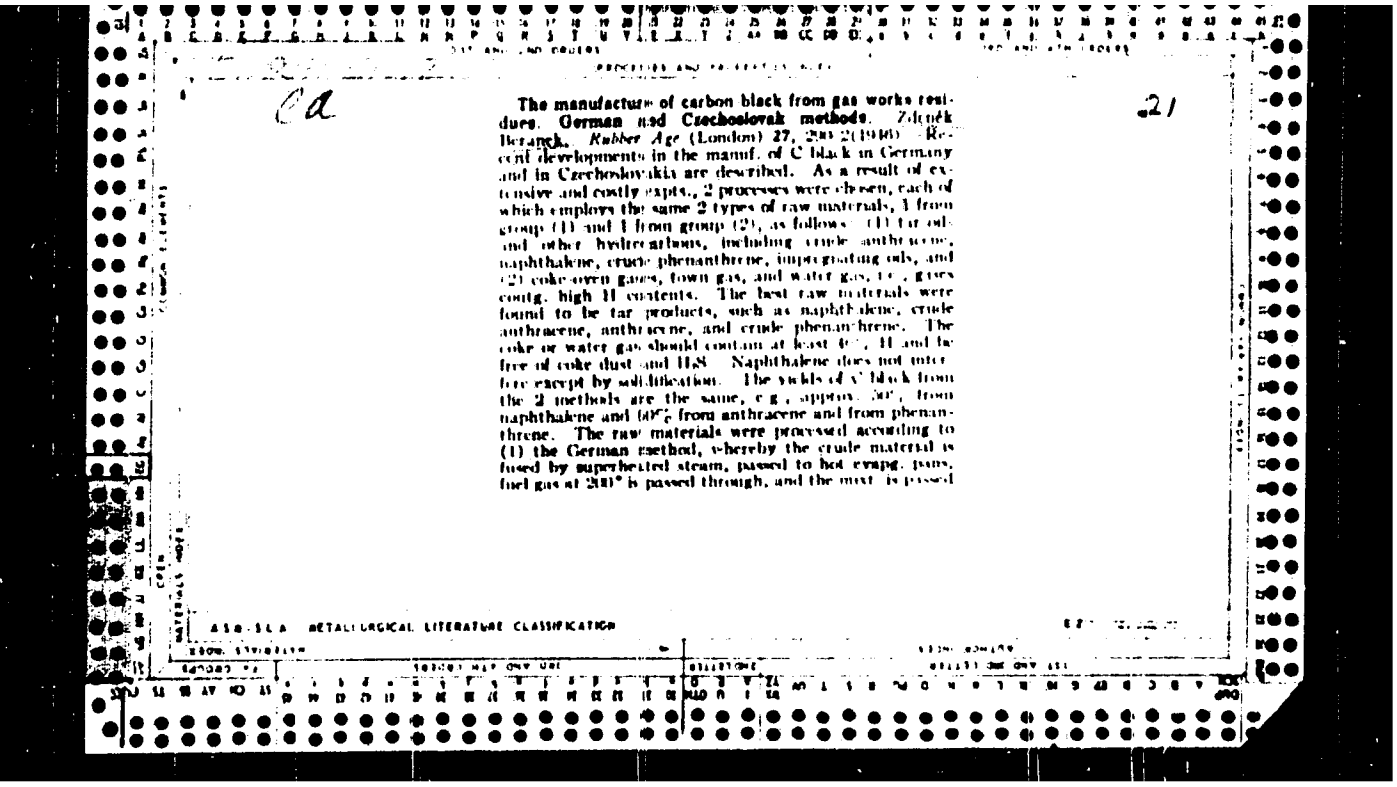
"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



The determination of bromine numbers in benzene. Břetislav G. Šmuk and Zdeněk Beránek. *Chem. Listy* 31, 181-4 (1937). Ten samples of benzene (crude, com., c. p., and various fractions) were treated with Br according to the McIlhiney (*J. Am. Chem. Soc.* 21, 1067 (1899)) and the Kraemer-Spilker methods. The McIlhiney detns. of substituted Br were too high; a subtraction of 2 times the substituted-Br values from the total Br consumed gave values for Br addn. which were obviously too low. From a theoretical consideration it became evident that the actual Br-addn. values lie between the McIlhiney Br-addn. values and the McIlhiney Br-addn. values increased by single Br-substitution values. In pure benzene the K.-S. detns. approached these theoretical actual values, and this explains why the K.-S. method is a standard one for analyzing purified benzene. In crude benzenes or in the higher fractions the K.-S. detns. were too high for reasons which are not apparent. As a procedure for detg. the concn. of unsatd. hydrocarbons in benzene the K.-S. method was not satisfactory. Frank Maresh

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



Ca

21

The manufacture of carbon black from gas works residues. German and Czechoslovak methods. Zdeněk Beranek. *Rubber Age* (London) 27, 281-2(1946). Recent developments in the manuf. of C black in Germany and in Czechoslovakia are described. As a result of extensive and costly expts., 2 processes were chosen, each of which employs the same 2 types of raw materials, 1 from group (1) and 1 from group (2), as follows: (1) tar oils and other hydrocarbons, including crude anthracene, naphthalene, crude phenanthrene, impregnating oils, and (2) coke-oven gases, town gas, and water gas, i.e., gases contg. high H contents. The best raw materials were found to be tar products, such as naphthalene, crude anthracene, anthracene, and crude phenanthrene. The coke or water gas should contain at least 6% H and be free of coke dust and H_2S. Naphthalene does not interfere except by solidification. The yields of C black from the 2 methods are the same, e.g., approx. 50%, from naphthalene and 60% from anthracene and from phenanthrene. The raw materials were processed according to (1) the German method, whereby the crude material is fused by superheated steam, passed to hot evapg. pans, fuel gas at 280° is passed through, and the mist is passed

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

PEREK, Z., and others.

Discussion of J. Jilek's article on the study of brown coal utilization for chemical and power purposes. p. 350.
-di-. Organization of a section on gas manufacture within the United Nations Economic Commission for Europe at Geneva. p. 350.

PALIVA. Vol. 36, no. 10, Oct. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA / Chemical Technology. Processing of Naturally Deposited Solid Fuels. H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75202.

Author : Beranek.
Inst : Not given.
Title : The Underground Gasification of Coal.

Orig Pub: Planov. hospod., 1958, No 3, 177-187.

Abstract: The experience of underground gasification of coals in the USSR has been summarized and brief data on the first experiment accomplished on underground gasification of brown coal near Bratislava, in 1957 are given. A coal bed 20 meters deep had a thickness of 3 meters: 1113

Card 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

CZECHOSLOVAKIA / Chemical Technology. Processing of Naturally Deposited Solid Fuels. H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75202.

Abstract: tons of coal was gasified and from it was obtained 2.42 million cubic meters of gas having a heating value of 840 kilocal./m^3.

The economics and perspectives of further development of this process in Czechoslovakia were discussed.

Card 2/2 40

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, Z.

TECHNOLOGY

Periodical: NOVA TECHNIKA No. 12, 1958

BERANEK, Z. Dry Quenching of coke. p 561

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

[illegible], [illegible].

"Contribution to the discussion on J. Novak's article 'Aspects of the Genesis Indicators of Processing of Solid Fuels in Czechoslovakia from the Point of View of Power Technology.'"

PALIVA, Praha, Czechoslovakia, Vol. 39, No. 5, May 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. [illegible], No. [illegible] October 1959.

Unclassified.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, Z.

"Underground coal gasification by mining-like methods." P.254.

NOVA TECHNIKA. (Rada vedeckych technickych spolecnosti pri Ceskoslovenske akademii ved). Praha, Czechoslovakia, No. 6, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, Z.

"Briquettes made of South Bohemian lignite." P.259.

NOVA TECHNIKA. (Rada vedeckych technickych spolecnosti pri Ceskoslovenske akademii ved). Praha, Czechoslovakia, No. 6, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, Zd.

Coke-oven gas for chemical industries and other uses. Nova technika no.8:362-363 '60.

1. SPK

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, Zd.

Ways and means of complex mechanization of coal mining.
Nova technika no.9:408-409 S '60.

1. Severocesky prumysl kamene.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANEK, Zd.

Main trends in technical development of coal mining in the Soviet Union up to the year 1965. Nova technika no.12:539 D '60.

1. Statni planovaci komise

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

STARY, O.; OBDRA, K.; PFEIFFER, J.; BERANKOVA.

Polyelectromyographic examination of disorders of propioceptive analysis in the initial stages of vertebrogenic disease in children. Cesk. neurol. 27 no.4:219-223 Jl'64

1. Neurologicka klinika fakulty vseobecneho lekarstvi KU [Karlovy university] v Praze; prednosta: akademik K.Henner.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

HERLES, Francisek; JEDLICKA, Jaroslav; Technicka spoluprace: BERANKOVA, Alena

Effect of systole on the electrocardiogram. Contribution to the genesis of "functional" changes in the repolarization segment of the electrocardiogram. Acta Univ. Carol. [Med.] (Praha) 10 no.5:363-394 '64.

1. Kardiologicka laborator II. interni kliniky fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta prof. MUDr. Fr Herles, DrSc).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

MIRATSKY,Z.; OBRDA,K.; BERANKOVA,M.; CHODERA,R.; STAHY,O.

Significance of cervical reflexes in the re-education of hemiplegic patients. Cesk. neur. 22 no.6:358-366 N '59.

1. Neurologicka klinika KU v Praze, prednosta akademik Kamil Henner.

(HEMIPLEGIA rehabil.)
(NECK physiol.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

STARY, O.; MIRZHATSKIY, Z.; BERANKOVA, M.

Use of reflexes in the restoration of movements in hemiplegia. Report no.1: Conditioned defense reflexes. Zhur.nevr.i psikh. 60 no.1:9-17 '60. (MIRA 13:6)

1. Nevrologicheskaya klinika (zav. - akademik Kamil Genner) Karlova universiteta, Praga.
(REFLEX CONDITIONED)
(HEMIPLEGIA ther.)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

MIRZHATSKIY, Z.; STARYY, O.; BERANKOVA, M.

Experience with the application of reflexes in the restoration of movements in hemiplegia. Report No.2: Tendinous and periosteal reflexes. Zhur.nevr.i psikh 60 no.8:953-956 '60. (MIRA 13:9)

1. Nevrologicheskaya klinika (zaveduyushchiy - akademik K.Genner) Karlova universiteta, Praga.
(PARALYSIS) (REFLEXES)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANKOVA, M.

CZECHOSLOVAKIA

O. STARY, K. OBRDA, J. PFEIFFER and M. BERANKOVA, Neurologic Clinic of Faculty of General Medicine (Neurologicka klinika fakulty vseobecneho lekarstvi); Head Academician K. HENNER, Charles University, Prague.

"Polyelectromyographic Study of Disturbances of Proprioceptive Analysis in Incipient Discopathies in Children."

Prague, Ceskoslovenska Neurologie, Vol 26, No 2, 1963; pp 81-87.

Abstract [English summary modified]: Polyelectromyographic study of 8 muscle groups in each of 30 grammar school children, along with complete clinical examination. There were functional disturbances of the spine noted in 20: slight scoliosis, sacro-iliac displacements and similar early defects. These were mostly accompanied by asymmetric electromyographic patterns, with a statistically significant degree of correlation between the 2 criteria. Four electromyograms, 4 graphs; 4 Czech and 6 Western references.

1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

OBRDA, K.; BERANKOVA, M.

Polyelectromyographic studies in body statics in lumbar disk lesions. Cesk. neurol. 27 no.4:243-245 Jl '64

1. Neurologicka klinika fakulty vseobecneho lekarstvi KU (Karlovy university) v Praze; prednosta: akademik K.Henner.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

OBDRA, K.; SIROKY, A.; KREJCOVA, H.; BERANKOVA, M.

Polyelectromyographic and electronystagmographic findings in patients with cervical disk lesions. Cesk. neurol. 27 no.4: 238-242 Jl '64

1. Neurologicka klinika fakulty vseobecneho lekarstvi KU [Karlovy university] v Praze; prednosta: akademik K.Henner.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

L 12056-00

ACC NR: AP6005707 SOURCE CODE: CZ/0082/65/000/003/0182/0190

AUTHOR: Obrda, K.; Berankova, M.

ORG: Laboratory for Pathophysiology of the Nervous System, Neurological Clinic, Faculty of General Medicine, Charles University, Prague (Laborator pro patofyziologii nervove soustavy neurologicke kliniky fakulty vseobecneho lekarstvi KU)

TITLE: Paralysis of the serratus anterior

SOURCE: Ceskoslovenska neurologie, no. 3, 1965, 182-190

TOPIC TAGS: electromyography, muscle physiology, clinical medicine, nervous system disease, neurology

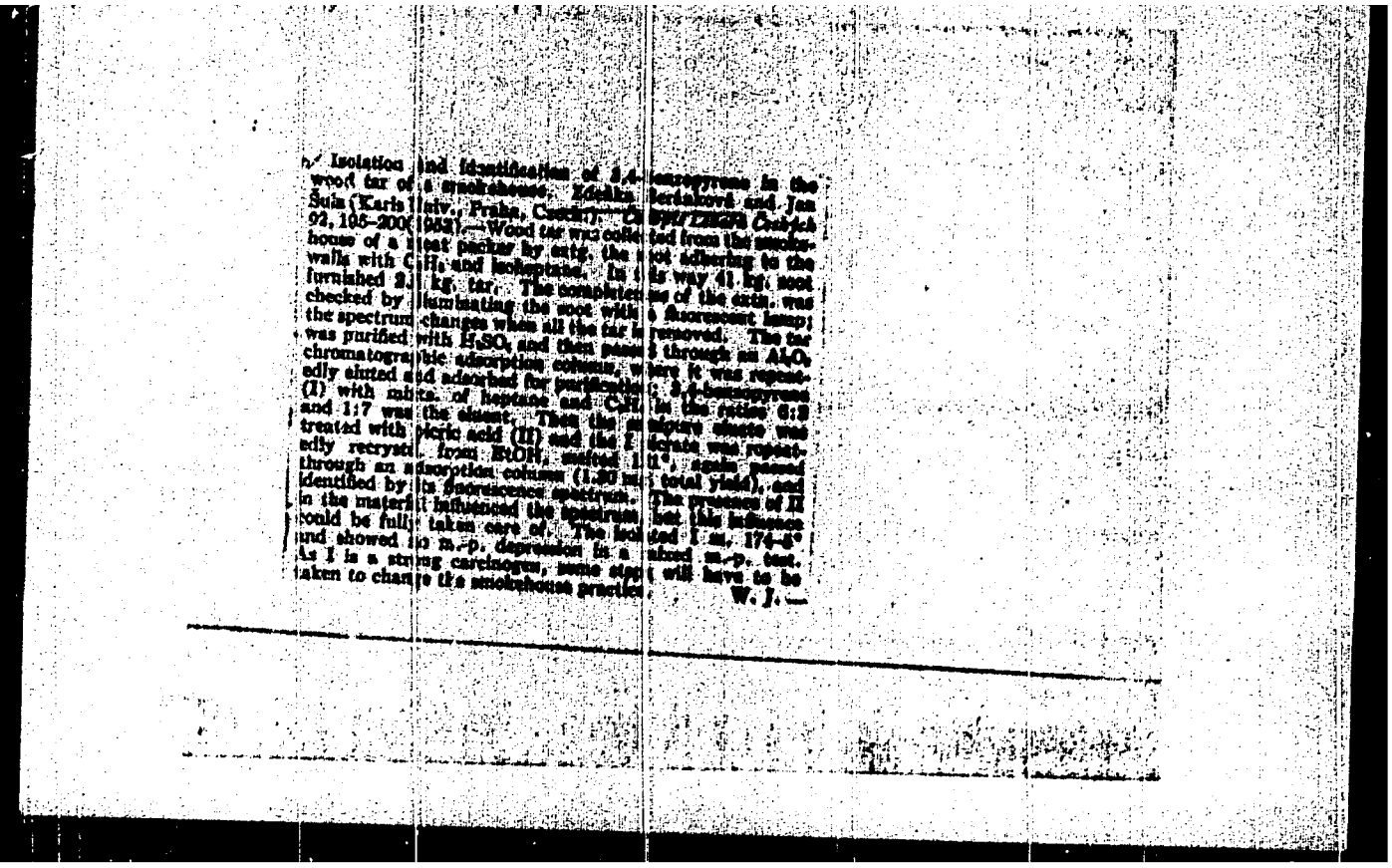
ABSTRACT:
8 cases were studied; in 3 polyelectromyographic examination with surface electrodes was made. Only in 1 case was isolated paralysis of the m. serratus anterior found. In most cases other muscles innervated from the C5-C6 roots were also affected. Shoulder-blade movement in the test for the disease is discussed. Remedial exercises, and importance of the posture of the patient are described. Slight lesions caused by childhood infectious diseases are discussed. The polyelectromyographic method is important for diagnosis, and to assess the degree of recovery. Orig. art. has: 8 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 005

Card 1/1 HW

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANKOVA, V.;SORM, F.

"Effect of Aconitine on the Metabolism of Brain Tissue." p. 586,
(COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS. SBORNIK CHEKHOSLOVATSKIKH
KHIMICHESKIKH RABOT, Vol. 19, No. 3, June 1954, Praha, Czechoslovakia)

SO : Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

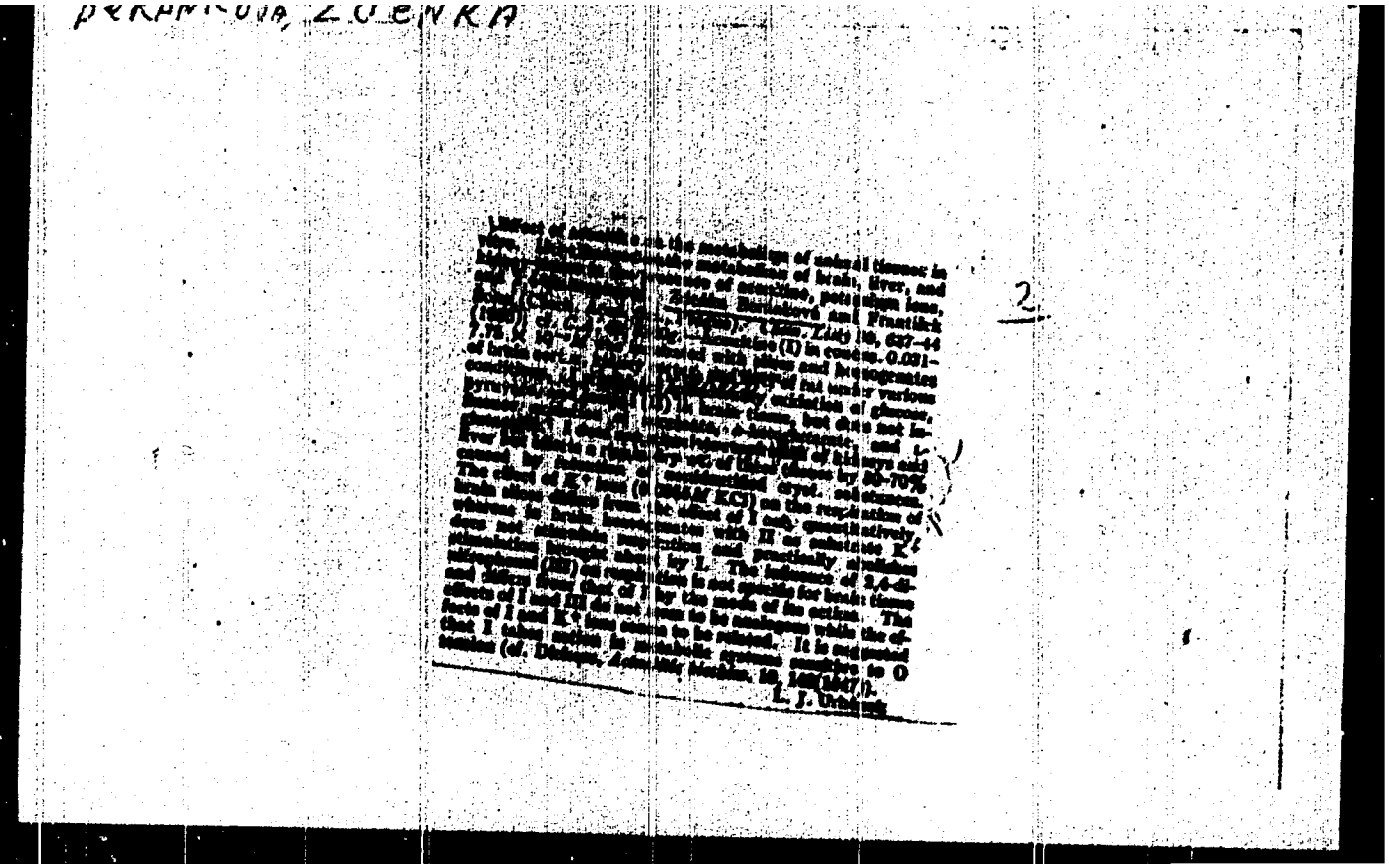
BERANOVA, Z.

"Effect of aconitine on the metabolism of brain tissue." Ceskoslovenska Morfologie, Praha, Vol. 43, No. 1, Jan. 1954, p. 80.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

RYCHLIK, I.; BERANKOVA, Z.; SORM, F.

The influence of some physiologically active substances on in vitro enzyme synthesis in mouse pancreas. In English. Coll.Cz.Chem. 24 no.9:3163-3168 S '59. (EEAI 9:5)

1. Department of Biochemistry, Czechoslovak Academy of Science, Prague.

(ENZYMES) (PANCREAS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANKOVA, Z.; RYCHLIK, I.; SORM, F.

Enzymic inactivation of oxytocin. I. Selective inhibitors of oxytocin inactivation. Coll Cz chem 25 no.10:2575-2580 O '60.

(EEAI 10:9)

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague.

(Oxytocins)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANKOVA, Z.; KYCHLIK, I.; SORM, F.

Enzymic inactivation of oxytocin. II. Fission of some peptide fragments of the oxytocin structure and their derivatives by pregnancy serum and liver cell sap. Coll Cz chem 26 no.6:1708-1715 Je '61.

1. Institute of Organic Chemistry and Bio-Chemistry, Czechoslovak Academy of Science, Prague.

(Peptides) (Oxytocin)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

BERANKOVA, Z.; SORM, F.

Enzymic inactivation of oxytocin. Part 3: Desthiooxytocin and S,S'-dibenzyldihydrooxytocin as oxytocinase inhibitors and substrates. Coll Cz Chem 26 no.10:2557-2561 O '61.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague

Source: Prague, Collection of Czechoslovak Chemical Communications, Vol 26, No 10, October 1961, pp 2632-2642

Data: "Enzymic Inactivation of Oxytocin. IV. Characterization of Purified Preparations of Serum Oxytocinase."

Authors:

CIHAR, M
BERANKOVA, Z
RYCHLIK, I
SORM, F

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

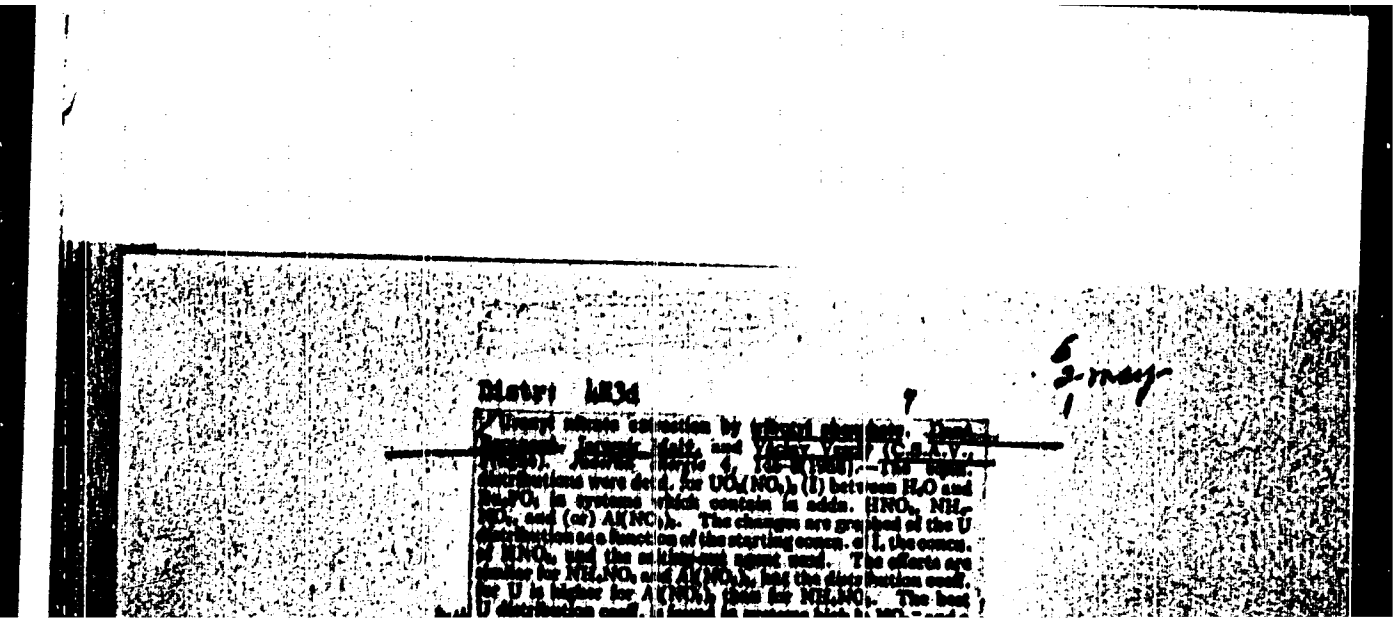
BERANKOVA, Z.; RYCHLIK, I.; JOST, K.; RUDINGER, J.; SORM, F.

Inhibition of the uterus-contracting effect of oxytocin by O-methyl-oxytocin. Coll Cz Chem 26 no.10:2673-2675 O '61.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague.

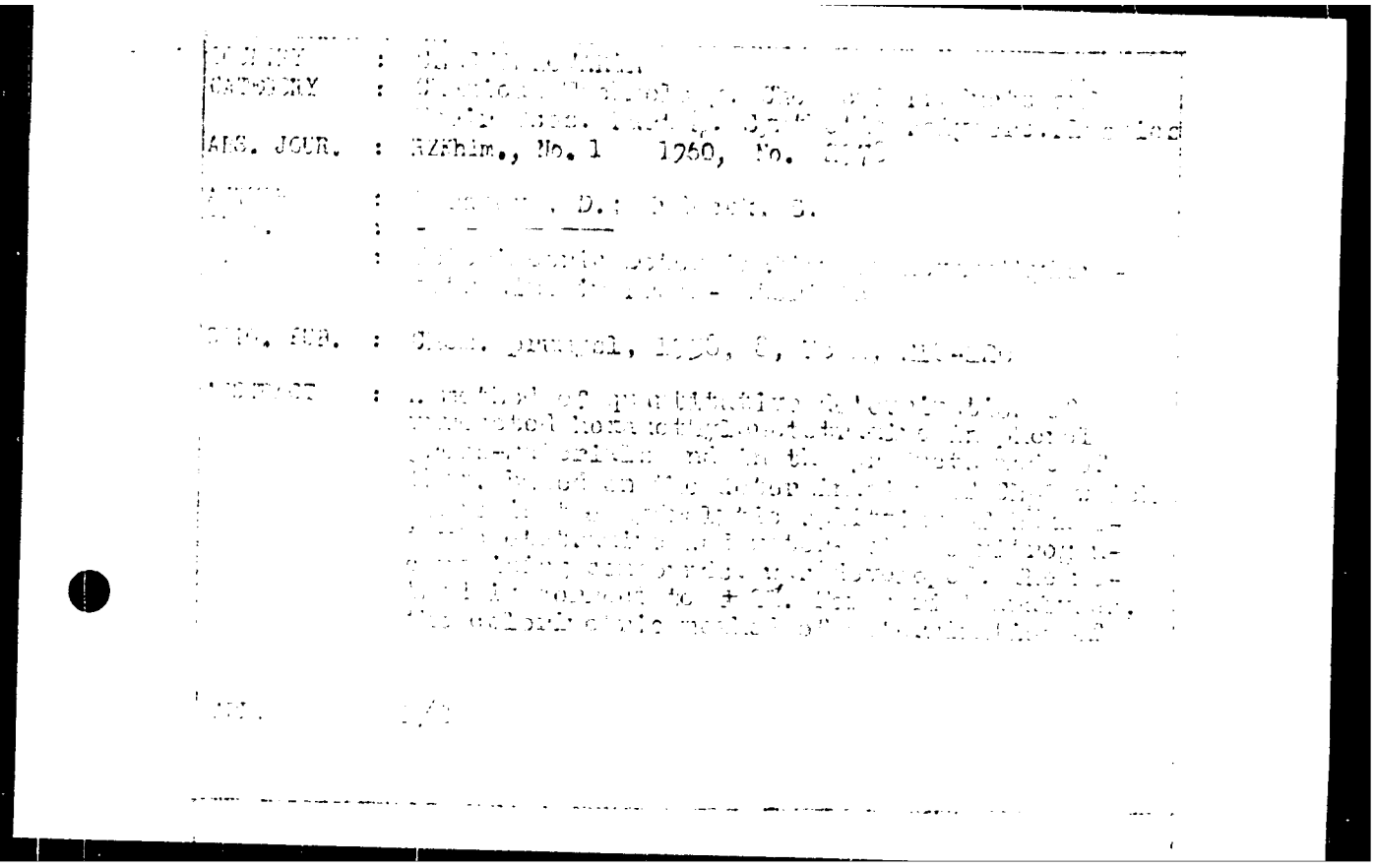
APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



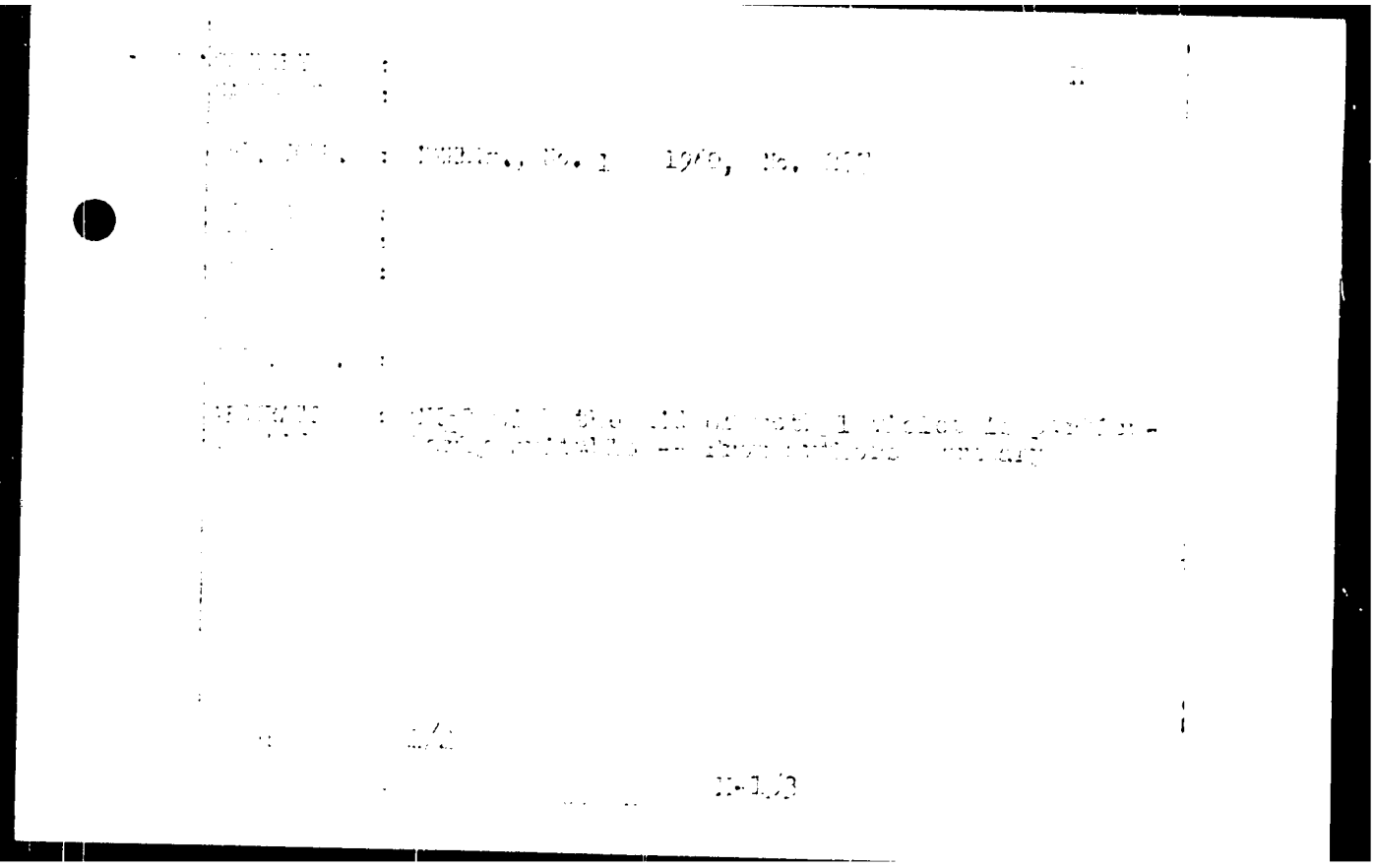
APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

S/064/60/000/03/06/022
B010/B008

AUTHORS: Lidařík, M., Mleziva, I., Beranová, D., Tamchyna, I.

TITLE: Low-molecular Epoxy Resins and Their Use in Technology

PERIODICAL: Khimicheskaya promyshlennost', 1960, No. 3, pp. 209-213

TEXT: After an introductory study of the manufacturing methods for epoxy resins, the authors described two new methods for the manufacture of low-molecular epoxy resins. According to the first method, the dichloro hydrin of dioxy-diphenyl propane is obtained in the first process by means of catalysts which are less alkaline than the commonly used NaOH solutions, i.e., with secondary or tertiary amines, sodium acetate, sodium carbonate etc. The second process, the dehydrochlorination, is carried out by the usual method. According to the second manufacturing method, the epoxy group is combined in the presence of alkaline catalysts with the hydroxyl group of phenol. The peculiarity consists in the fact that only a small amount of lye and plenty of NaCl are added. Thus, equilibrium is established whereby the dehydrochlorination is suppressed and the presence of a constant amount of the hydroxide (which acts as catalyst) is ensured.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

Low-molecular Epoxy Resins and Their Use in Technology

S/064/60/000/03/06/022
B010/B008

Both methods have the advantage that the formation of high-molecular products is prevented. Low-molecular epoxy resins are used for the manufacture of laminates, varnishes, fillers etc. Examples of testing low-molecular epoxy resins on glass fiber fabrics (Table 1) with various hardeners (Table 2), of their electrical conductivity (Table 3) and their use as glues (Table 4) are given with explanations. There are 4 figures, 4 tables, and 9 non-Soviet references.

ASSOCIATION: Issledovatel'skiy institut sinteticheskikh smol i lakov, Pardubitse, Chekhoslovakiya (Research Institute of Synthetic Resins and Lacquers, Pardubice, Czechoslovakia)

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0

Country : Czechoslovakia B-8
Category : Thermodynamics. Thermochemistry. Equilibria. Physico-Chemical Analysis. Phase Transitions.
Abs. Jour. : Ref Zhur-Khim., No 6, 1959 18477

Author : Beranova, H.; Maly, J.; Vesely, V.
Institut. :
Title : Extraction of Uranyl Nitrate with Tributyl Phosphate. System $UO_2(NO_3)_2$-HNO_3-NH_4NO_3 and $UO_2(NO_3)_2$-HNO_3-$Al(NO_3)_3$.
Orig Pub. : Jaderna energie, 1958, 4, No 6, 145-148

Abstract : Study of extraction recovery of $UO_2(NO_3)_2$ (I) from aqueous solutions, and of equilibrium distribution of I between organic phase (30% solution of tributyl phosphate in hexane) and aqueous phase (1-5 N in HNO_3, and 1.39 N in NH_4NO_3 (II), or 1-5 N in HNO_3 and 1 N in $Al(NO_3)_3$. With increasing concentration of I in the initial solution the concentration of I in organic phase increases to a definite magnitude (for example, to 13.82 g I in 50 ml solution in the case of I-HNO_3-II system, with 5 N solutions of HNO_3), after which it becomes constant. Coefficient of distribution of I in presence of $Al(NO_3)_3$ is higher than in the presence of II. -- Ya. Satunovskiy.
Card: 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020016-0"